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| APPLICATION NO.                          | FILING DATE           | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | _ |
|------------------------------------------|-----------------------|----------------------|---------------------|------------------|---|
| 10/743,789                               | 12/24/2003            | Fumio Denda          | 981091A             | 9814             |   |
| 38834                                    | 38834 7590 01/26/2006 |                      | EXAMINER            |                  |   |
|                                          | N, HATTORI, DAN       | PENDLETON, BRIAN T   |                     |                  |   |
| 1250 CONNECTICUT AVENUE, NW<br>SUITE 700 |                       |                      | ART UNIT            | PAPER NUMBER     | - |
|                                          | N, DC 20036           |                      | 2644                | -                | _ |
|                                          |                       |                      |                     |                  |   |

DATE MAILED: 01/26/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Application No.                                                                                                                                                      | Applicant(s)                                                                        |  |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|
| Office Action Summary                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10/743,789                                                                                                                                                           | DENDA, FUMIO                                                                        |  |  |  |  |
|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Examiner                                                                                                                                                             | Art Unit                                                                            |  |  |  |  |
|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Brian T. Pendleton                                                                                                                                                   | 2644                                                                                |  |  |  |  |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| WHIC<br>- Exte<br>after<br>- If NC<br>- Failu<br>Any                                                                             | ORTENED STATUTORY PERIOD FOR REPLY CHEVER IS LONGER, FROM THE MAILING Donsions of time may be available under the provisions of 37 CFR 1.11 SIX (6) MONTHS from the mailing date of this communication. It is period for reply is specified above, the maximum statutory period were to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing ed patent term adjustment. See 37 CFR 1.704(b). | ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tim will apply and will expire SIX (6) MONTHS from , cause the application to become ABANDONED | N.<br>nely filed<br>the mailing date of this communication.<br>D (35 U.S.C. § 133). |  |  |  |  |
| Status                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 1)  🏻                                                                                                                            | Responsive to communication(s) filed on 24 D                                                                                                                                                                                                                                                                                                                                                                                                                                      | ecember 2003                                                                                                                                                         |                                                                                     |  |  |  |  |
| · · · · · · · · · · · · · · · · · · ·                                                                                            | This action is <b>FINAL</b> . 2b)⊠ This action is non-final.                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| ·                                                                                                                                | Since this application is in condition for allowance except for formal matters, prosecution as to the merits is                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| Disposit                                                                                                                         | ion of Claims                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 4)🖂                                                                                                                              | Claim(s) 4-19 is/are pending in the application.                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | 4a) Of the above claim(s) is/are withdrawn from consideration.                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 5)                                                                                                                               | 5) Claim(s) is/are allowed.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| ·                                                                                                                                | )☐ Claim(s) is/are rejected.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| ·                                                                                                                                | 7) Claim(s) is/are objected to.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 8)⊠                                                                                                                              | Claim(s) <u>4-19</u> are subject to restriction and/or of                                                                                                                                                                                                                                                                                                                                                                                                                         | election requirement.                                                                                                                                                |                                                                                     |  |  |  |  |
| Applicati                                                                                                                        | ion Papers                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 9)[                                                                                                                              | The specification is objected to by the Examine                                                                                                                                                                                                                                                                                                                                                                                                                                   | r.                                                                                                                                                                   |                                                                                     |  |  |  |  |
| 10)⊠                                                                                                                             | The drawing(s) filed on 24 December 2003 is/a                                                                                                                                                                                                                                                                                                                                                                                                                                     | re: a)⊠ accepted or b)□ object                                                                                                                                       | ed to by the Examiner.                                                              |  |  |  |  |
|                                                                                                                                  | Applicant may not request that any objection to the                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                      | ` ,                                                                                 |  |  |  |  |
| Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 11)                                                                                                                              | The oath or declaration is objected to by the Ex                                                                                                                                                                                                                                                                                                                                                                                                                                  | aminer. Note the attached Office                                                                                                                                     | Action or form PTO-152.                                                             |  |  |  |  |
| Priority (                                                                                                                       | ınder 35 U.S.C. § 119                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 12)⊠ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a)⊠ All b)□ Some * c)□ None of: |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | 1. Certified copies of the priority documents have been received.                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | 2. Certified copies of the priority documents have been received in Application No. 09/159,104.                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | 3. Copies of the certified copies of the priority documents have been received in this National Stage                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  | application from the International Bureau (PCT Rule 17.2(a)).                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| * See the attached detailed Office action for a list of the certified copies not received.                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
|                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| Attachmen                                                                                                                        | t(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                      |                                                                                     |  |  |  |  |
| 1) Notic                                                                                                                         | e of References Cited (PTO-892)                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4) Interview Summary                                                                                                                                                 |                                                                                     |  |  |  |  |
| 2) Notic 3) Inform                                                                                                               | e of Draftsperson's Patent Drawing Review (PTO-948) nation Disclosure Statement(s) (PTO-1449 or PTO/SB/08)                                                                                                                                                                                                                                                                                                                                                                        | Paper No(s)/Mail Da                                                                                                                                                  | ite<br>atent Application (PTO-152)                                                  |  |  |  |  |
|                                                                                                                                  | r No(s)/Mail Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 6) Other:                                                                                                                                                            | ment repriouser (1 10-102)                                                          |  |  |  |  |

## **DETAILED ACTION**

## Election/Restrictions

This application contains claims directed to the following patentably distinct species of the claimed invention: Species I – claims 5-7 and 16-17, Species II – claims 8-9, Species III – claims 10-13 and 18-19, Species IV – claims 14-15.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, there is no generic claim.

Applicant is advised that a reply to this requirement must include an identification of the species that is elected consonant with this requirement, and a listing of all claims readable thereon, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which are written in dependent form or otherwise include all the limitations of an allowed generic claim as provided by 37 CFR 1.141. If claims are added after the election, applicant must indicate which are readable upon the elected species. MPEP § 809.02(a).

Should applicant traverse on the ground that the species are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing the species to be obvious variants or clearly admit on the record that this is the case. In either instance, if the

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examiner finds one of the inventions unpatentable over the prior art, the evidence or admission

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may be used in a rejection under 35 U.S.C. 103(a) of the other invention.

Applicant is advised that the reply to this requirement to be complete must include an

election of the invention to be examined even though the requirement be traversed (37 CFR

1.143).

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Brian T. Pendleton whose telephone number is (571) 272-7527.

The examiner can normally be reached on M-F 7-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Vivian Chin can be reached on (571) 272-7848. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

btp

**BRIAN TYRONE PENDLETON** PRIMARY EXAMINER

2.22